

WiFi Music Receiver

iReceiver

User Manual



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Chapter 1: Introduction

Product Overview

Thank you for choosing iReceiver WiFi Music Receiver.

iReceiver WiFi Music Receiver allows you to play, control and listen all your favorite music wirelessly from your Smart Phone, Tablets, notebooks or other WiFi enable PC, through your home stereo, headphone or car stereo system. With the advanced soft decoding technology, you can enjoy fantastic and high quality music. iReceiver is easy to use, plug iReceiver into a USB port with the micro USB cable, connect to your stereo system, then sit back and enjoy your music- without worrying about the media cable fetter. Moreover, you can extend your existing Wi-Fi network's range by simply pressing the WPS button.

Top Panel



LED	Status	Description
SYS	Solid Red	During Power ON or system is defective.
	Solid Blue	The device is powered ON and operating properly.
	Blinking Blue	The device is processing WPS or settings are saving by App.

Side Panel



Button/Interface	Description
WPS	Use for connecting device to your wireless network.
AUDIO	Connect stereo or speakers.
Micro USB	Connect USB adapter (5V, 0.5A) to power the device.
RST	Long press and hold the button for 5 seconds, the device will reboot to its factory default settings.

Main Features

- Streams music from Smart Phone, Tablet, notebook to stereo wirelessly
- Receives up to 100 meters away
- IEEE 802.11b/g/n, wireless speed up to 150Mbps
- Extends an existing Wi-Fi network's range by simply pressing the WPS button
- Compatible with AirPlay and DLNA
- Supports iOS, Android OS, Mac OS and Windows
- Free App for for iPhone, iPad and Android mobile devices

Chapter 2: Installation

Operating Mode Introduction

This WiFi Music Receiver supports Repeater function, it can be used for extending the coverage of your root wireless router, boost the wireless signal strength.



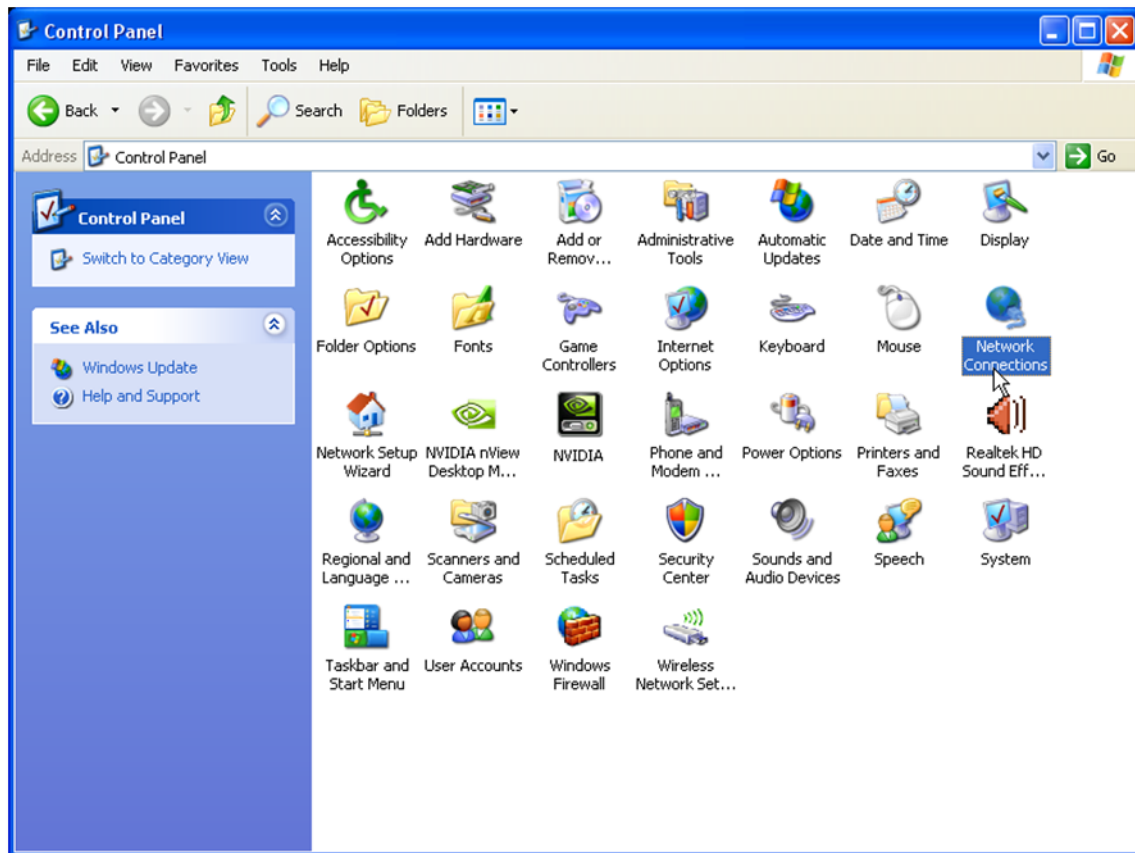
Configure the Computer's IP Address

For Windows XP/2000

- 1) Click **Start > Control Panel**.



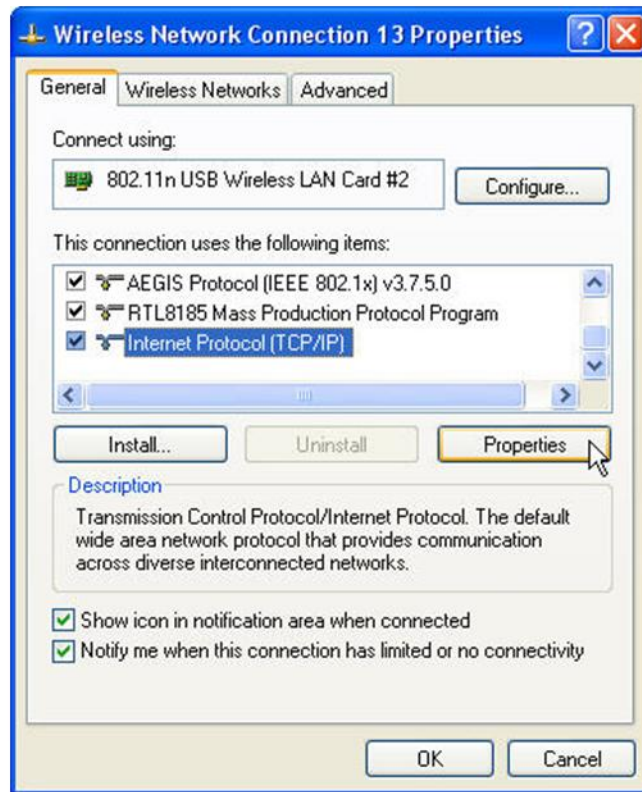
2) Select and double click **Network Connections**.



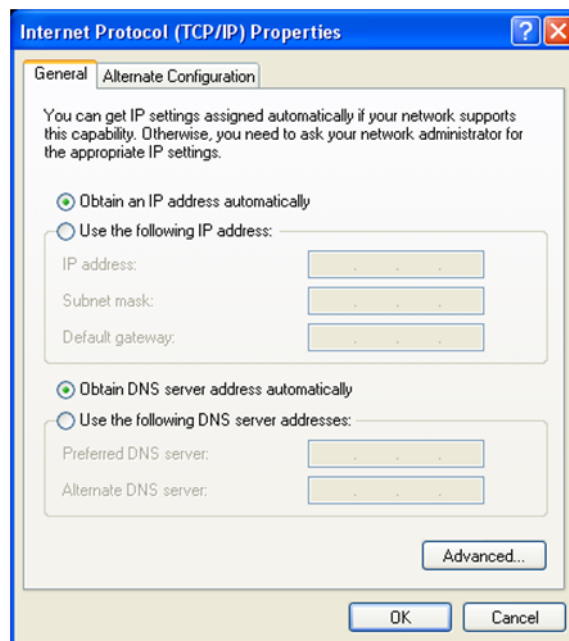
3) Right click **Wireless Network Connection** and then select **Properties**.



- 4) Select **Internet Protocol (TCP/IP)** and click **Properties**.



- 5) Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.

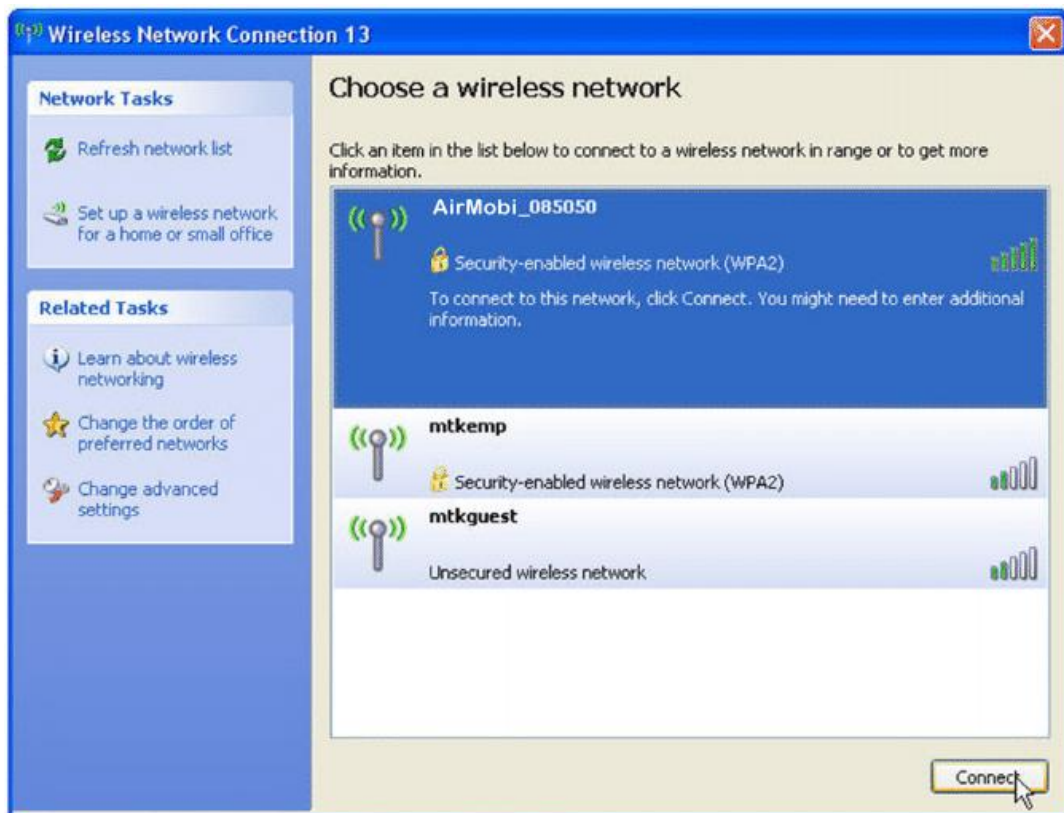


- 6) Right click on **Wireless Network Connection** again, choose **View Available Wireless Networks**.

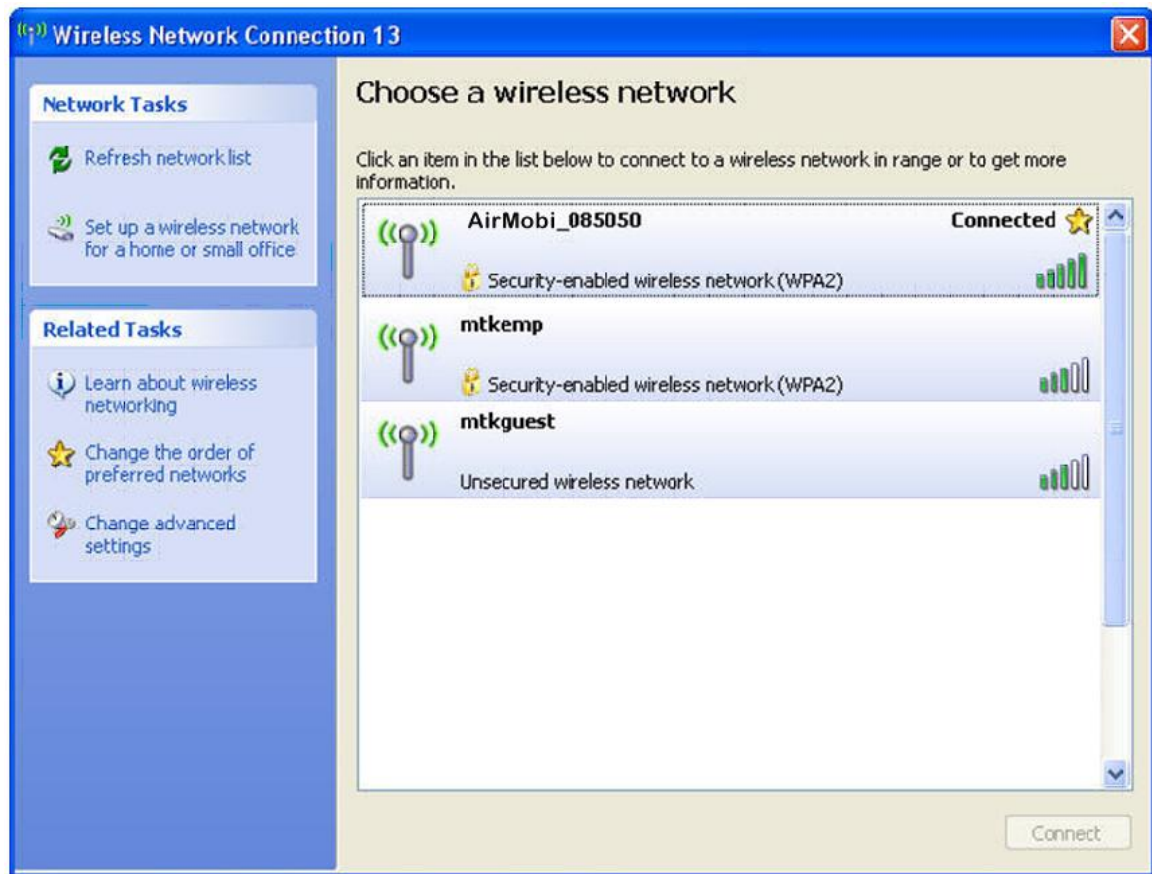
LAN or High-Speed Internet



- 7) Click **Refresh network list**, search for AirMobi_XXXXXX, highlight on it and then click **Connect** button.

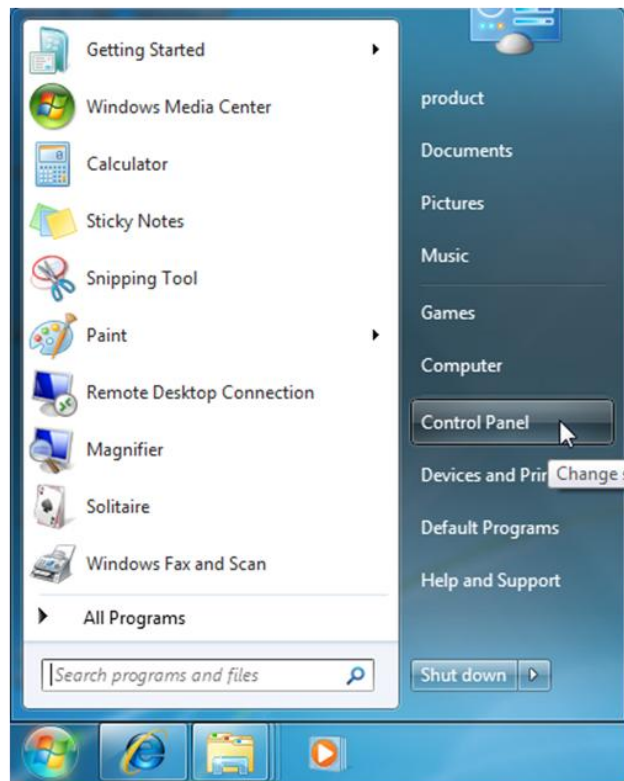


8) If the connection is successful, you can see it showing connected.

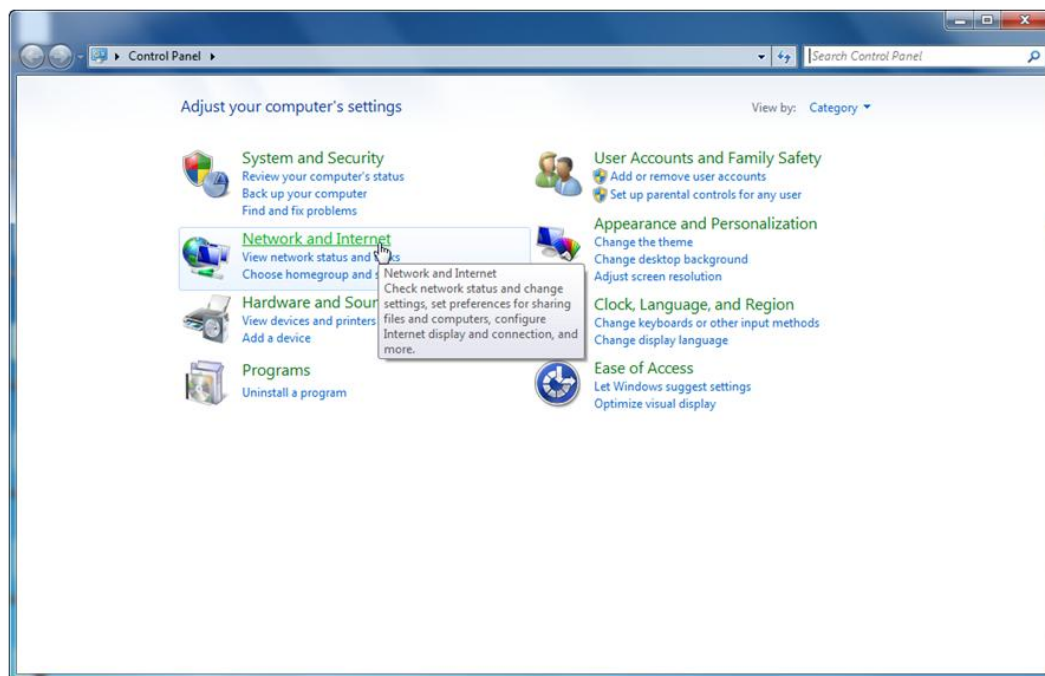


For Windows Vista/7

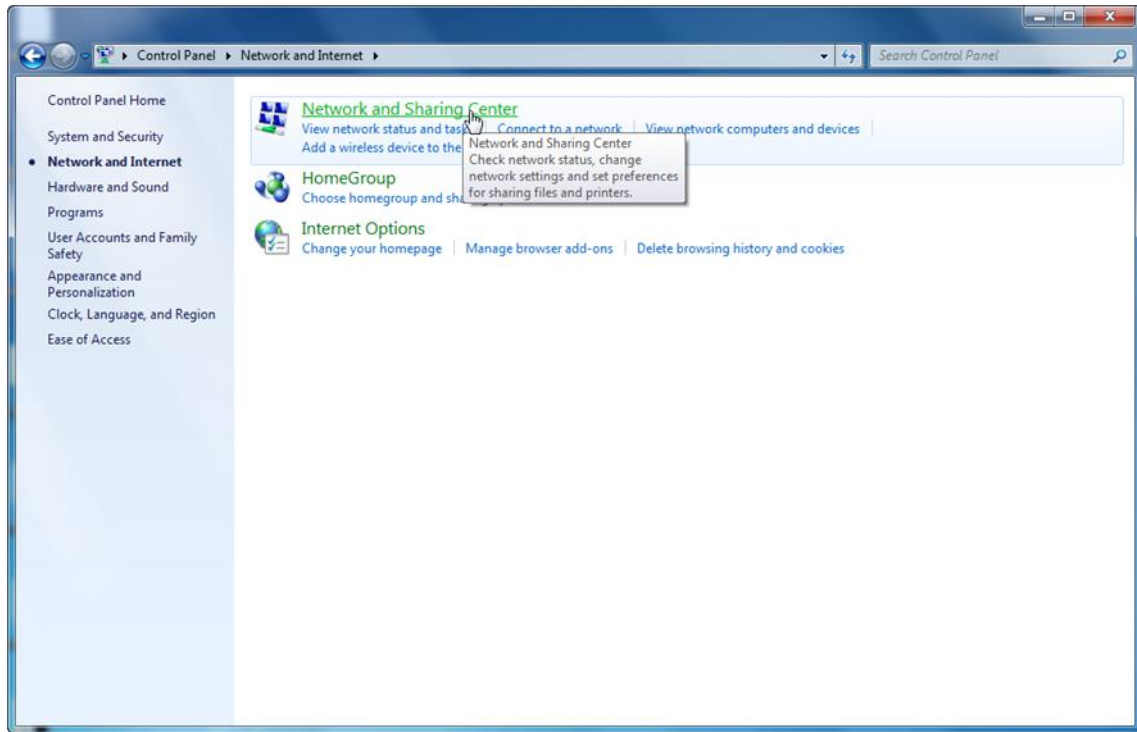
1) Click **Start>Control Panel**.



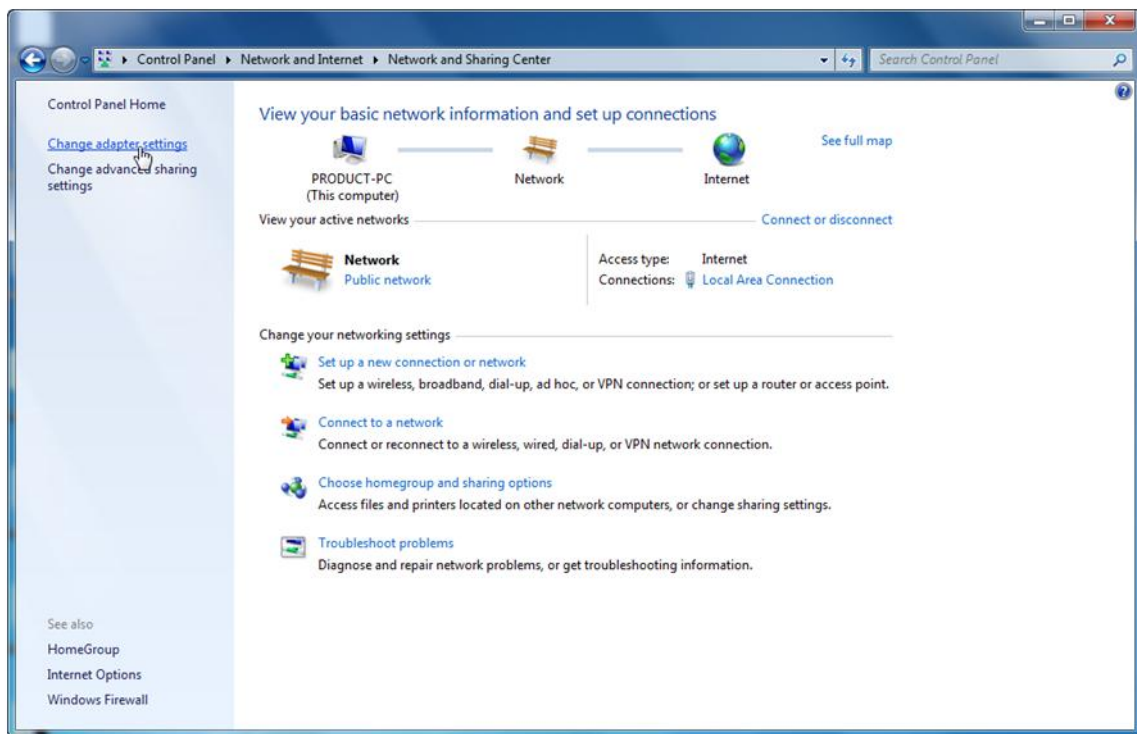
2) Click **Network and Internet**.



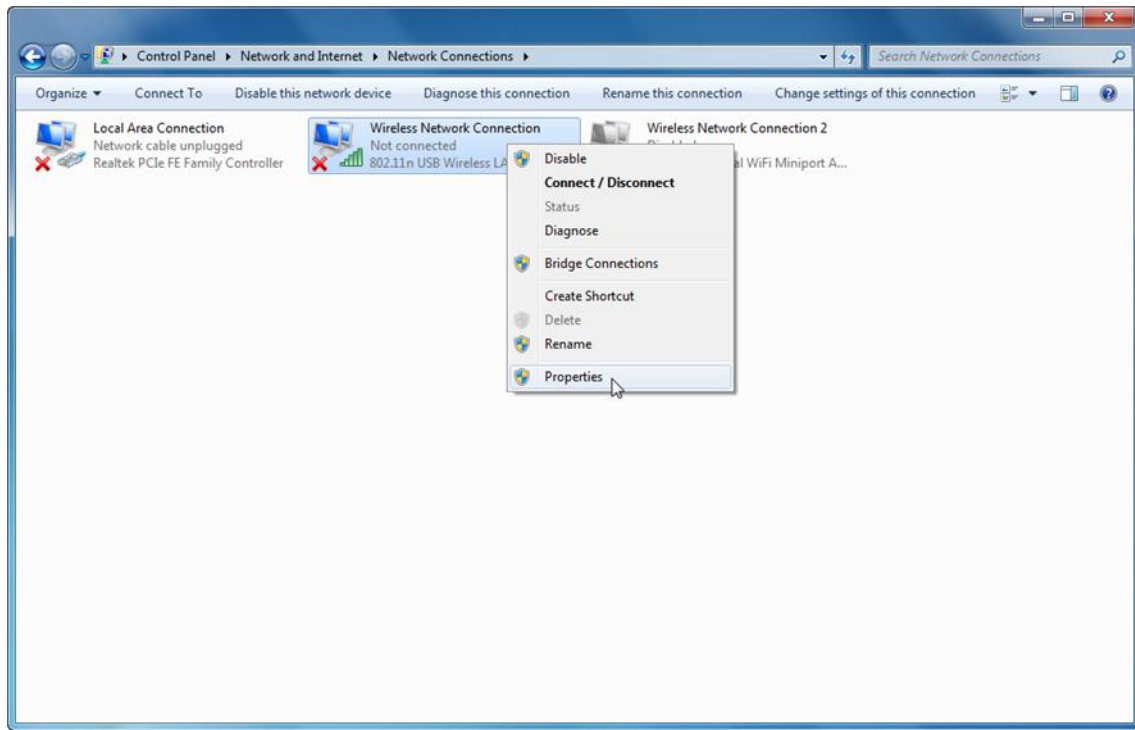
3) Click **Network and Sharing Center**.



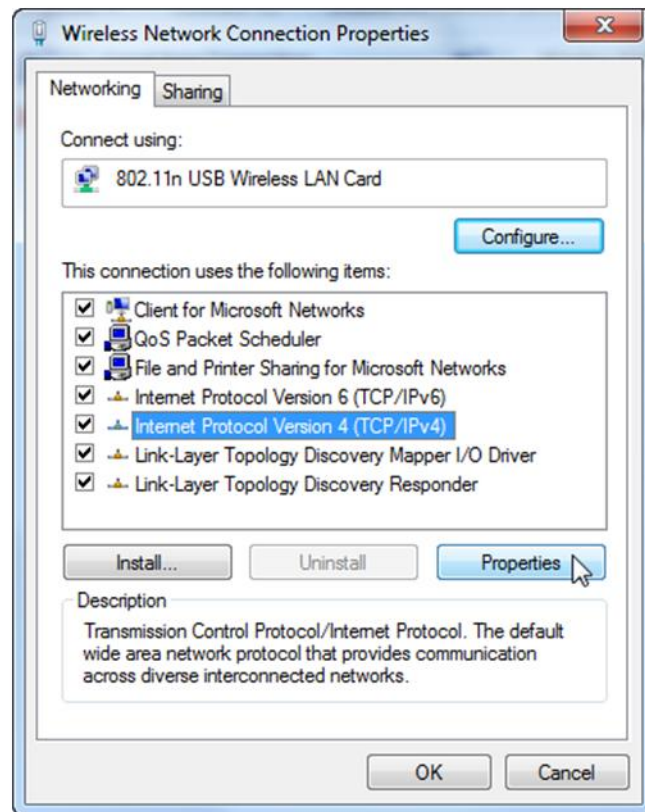
4) Go to **Change Adapter Settings (win7)/Manage Network Connections (Vista)**.



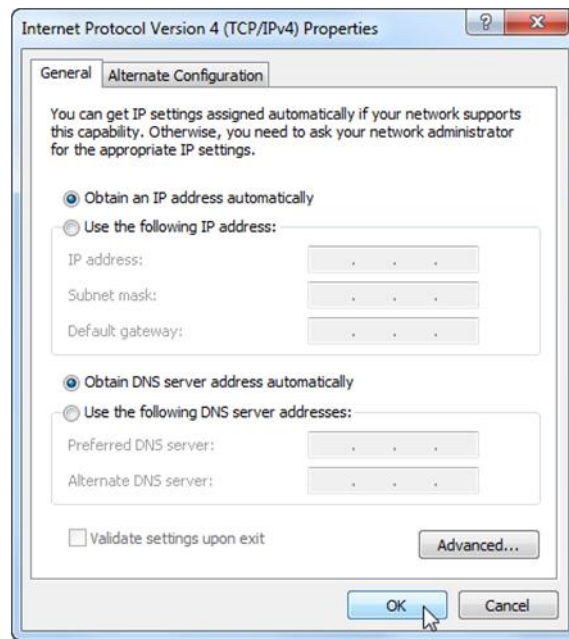
5) Right click **Wireless Network Connection**, choose **Properties**.



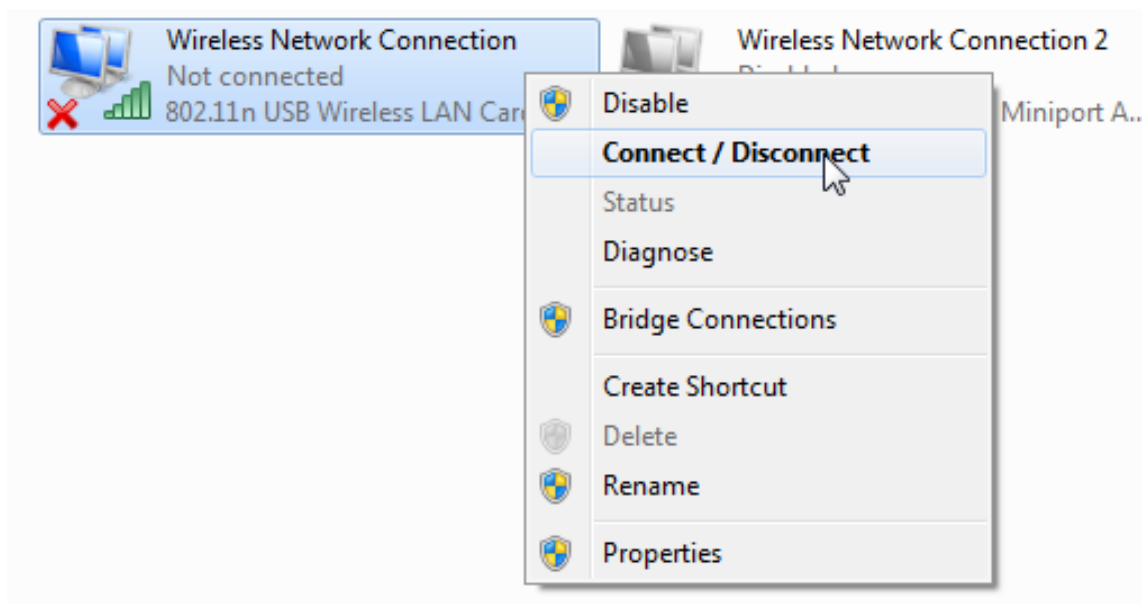
6) Select **Internet Protocol Version 4 (TCP/IPv4)** and click **Properties**.



- 7) Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.



- 8) **Right click on** Wireless Network Connection **again, choose** Connect/Disconnect.



- 9) Click **Refresh network list**, search for AirMobi_XXXXXX, highlight on it and then click **Connect** button.



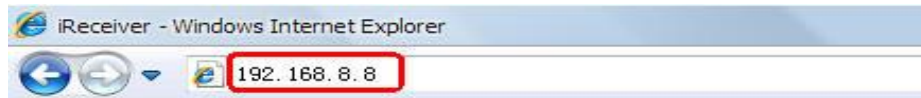
9) If the connection is successful, you can see it showing connected.



Setup Wizard

With a Web-based utility, it is easy to configure and manage the iReceiver WiFi Music Receiver. The Web-based utility can be used on any iOS, Android, Windows, Macintosh or UNIX OS with a Web browser, such as Microsoft Internet Explorer, Mozilla Firefox or Apple Safari.

1) Open your web browser, in the address bar, type in **192.168.8.8**



2) You are prompt to enter the Password (preset as **admin**) which you can found on the bottom of the device, click **Login**.

A screenshot of the iReceiver login page. The page has a red header with the 'AirMobi' logo on the left and the 'iReceiver' logo on the right. Below the header, there is a form with the following elements: a 'Language:' label with a dropdown menu set to 'English'; a 'Password:' label with a text input field containing four dots; a checkbox labeled 'Remember my password' which is unchecked; and two buttons at the bottom, 'Login' and 'Cancel'.

3) After successful login, you can see the web management page of iReceiver comes up, please go to **Setup Wizard** on the left side menu, and then click **Next**.

A screenshot of the 'Setup Wizard' introduction screen. The title 'Setup Wizard' is in red. Below it, a paragraph states: 'The wizard will guide you through a few simple steps to configure your iReceiver and connect to the Internet.' At the bottom, there are two buttons: 'Next' and 'Exit'.

4) Configure parameter of the wireless network you'd like to connect.

A screenshot of the 'Setup Wizard' configuration screen. The title 'Setup Wizard' is in red. Below it, the section 'Configuration Repeater' is shown. It contains a table with the following rows:

Access wireless network name(SSID)	<input type="text"/> <input type="button" value="Search"/>
	<input checked="" type="checkbox"/> Synchronism SSID
Security Mode	OPEN <input type="button" value="v"/>
Encryption Type	None <input type="button" value="v"/>

At the bottom of the screen, there are three buttons: 'Back', 'Next', and 'Exit'.

Click on **Search** button, it will show the site list of scanning result, please find your main AP's SSID, and then click **Connect**.

Station Survey						
	SSID	BSSID	RSSI	Channel	Encryption	
1	TP-LINK_3848 DC	6c:e8:73:95:01:dc	10dBm	2	WPA1PSK WPA2PSK/ AES	Connect
2	AirMobi_30 50D0	00:0c:43:30:50:d0	20dBm	6	WPA2PSK/ AES	Connect
3	AirMobi_99 9999	00:99:99:99:99:99	50dBm	6	WPA2PSK/ AES	Connect

After that, the values you selected will be filled in the **Access wireless network name (SSID)**, **Security Mode** and **Encryption Type** automatically. Enter the Wi-Fi password of the wireless network you'd like to connect. Click **Next** to apply the settings.

Setup Wizard

Configuration Repeater

Access wireless network name(SSID)

☒ Synchronism SSID

Security Mode

WPA2-Personal ▼

Encryption Type

AES ▼

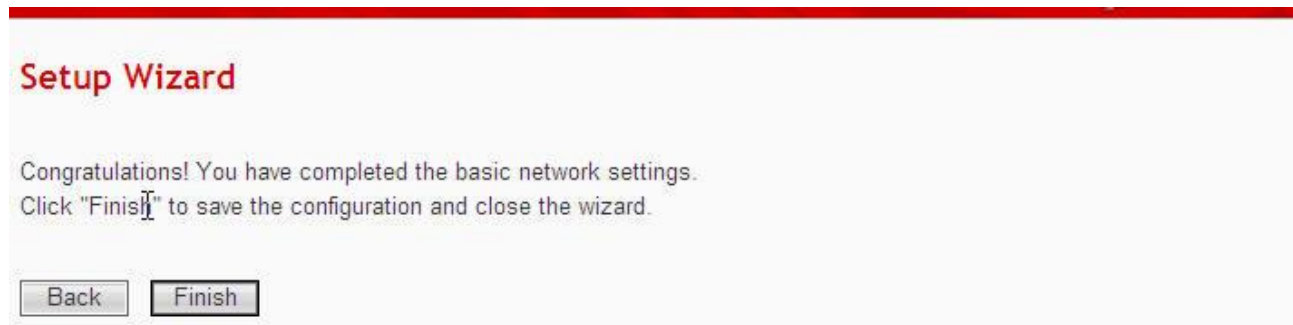
Password

Note:

If you changed the LAN IP Address of iReceiver, please login this web management page by the new IP address.

By default, we choose **Synchronism SSID**, it means that the WiFi name and WiFi password of iReceiver will be same as your root wireless router or AP after configuration. If you don't choose it, the WiFi name and WiFi password of iReceiver won't change.

- 5) Click **Finish** to save the configuration and close the wizard.



Music Streaming

iReceiver supports the function of Music Streaming.

Music Streaming: It takes the music from your iPhone, iPad, iPod touch, Android mobile devices or wireless PC and sends it wirelessly to any stereo or speakers in your home.

Using the function of Music Streaming, please connect your speakers to iReceiver with an audio cable. At the same time, please make sure your Smart Phone, Tablet and Wireless PC have been connected to the iReceiver through WiFi.

Using Music Streaming via Smart Phone and Tablet

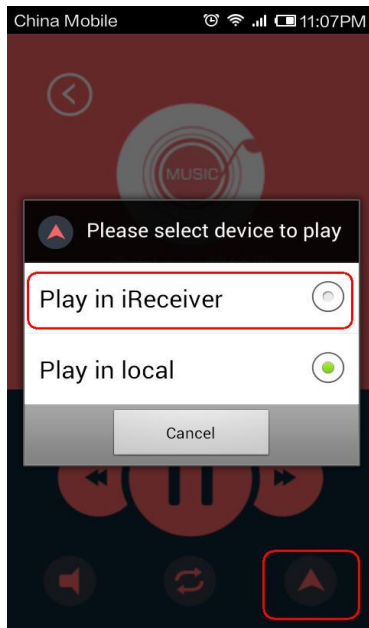
- 1) Search the app on the App store or Google Play, and you also can scan the QR code to download and install the **iReceiver** App to your iPhone, iPad or Android devices.



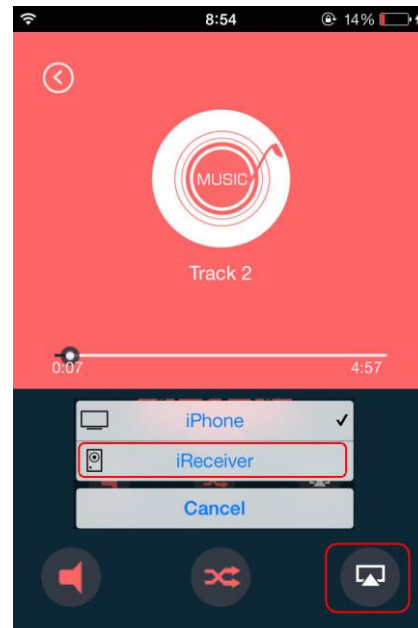
- 2) Once installed click on the icon  to open the **iReceiver**.



- 3) Enter the following interface. Click on the icon surrounded by the square frame, choose **play** in **iReceiver**, and then the music will play on the stereo.



Android




iOS

Note: iOS 7 device can use the function of music streaming with any music player Apps.



Using Music Streaming via Wireless PC

- 1) Download and install **iTunes** in your wireless PC.
- 2) Once installed click on the icon  to open the **iTunes**.

- 3) Click on the icon surrounded by the square frame, choose **iReceiver**, and then the music will play on the stereo.



Chapter 3: Software Configuration

Login

After your successful login, you can configure and manage the device. There are main menus on the left of the web-based utility. Submenus will be available after you click one of the main menus. On the right, there are the corresponding explanations and instructions.

- ▶ Running Status
- ▶ Setup Wizard
- ▶ Network Settings
- ▶ Wireless Settings
- ▶ System Tools

Running Status

The **Running Status** page shows the current status of iReceiver. All information is read-only.

Running Status

Router Information	
Hardware Version	1.0
Software Version	iReceiver-R1B011D1975
Running Time	5 hours, 3 mins, 33 secs
LAN	
IP Address	192.168.8.8
Subnet Mask	255.255.255.0
MAC Address	C0:5E:79:FB:87:FE
Wireless	
Wireless Enabling Status	Enabled
Wireless Network Name (SSID)	AirMobi_FB87FE
Client Network Name(SSID)	
Channel	9
Wireless Connection Type	11b/g/n
MAC Address	C0:5E:79:FB:87:FE

Setup Wizard

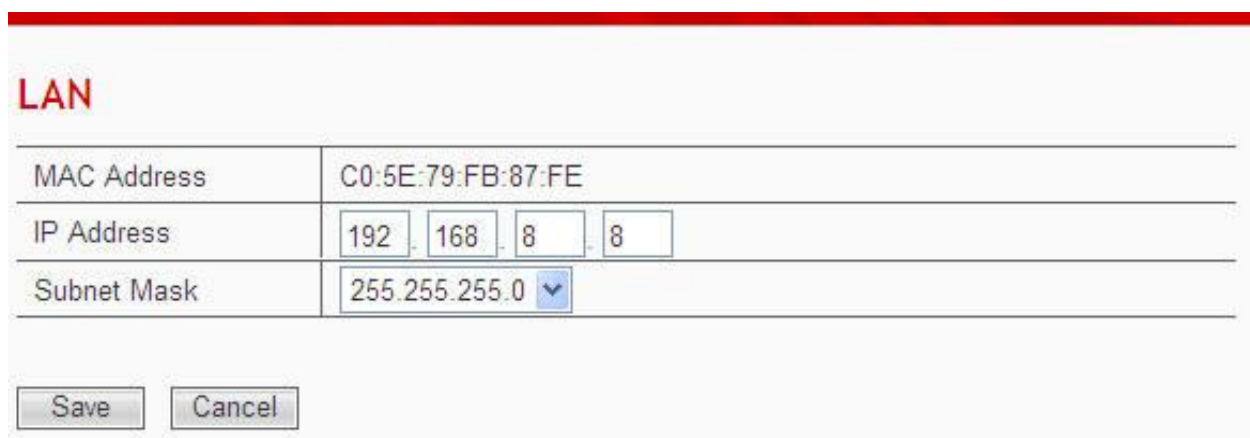
Please refer to Chapter 2.

Network Settings

There is a submenu under the network menu: **LAN**. Click it, you will be able to configure the corresponding function.



LAN

A screenshot of a web interface for LAN configuration. It has a red header bar. Below it, the word 'LAN' is written in red. There is a table with three rows: 'MAC Address' with value 'C0:5E:79:FB:87:FE', 'IP Address' with four input boxes containing '192', '168', '8', and '8', and 'Subnet Mask' with an input box containing '255.255.255.0' and a dropdown arrow. At the bottom, there are two buttons: 'Save' and 'Cancel'.

MAC Address: The physical address of the device.

IP Address: The LAN IP Address of the device.

Subnet Mask: The Subnet Mask associated with the LAN IP Address.

Note: If you changed the LAN IP Address of the device, please login this web management page by the new IP address.

Wireless Settings

There are five submenus under the **Wireless Settings** menu: **Wireless Basic Settings**, **Wireless Security Settings**, **Wireless MAC Address Filter**, **Advanced Wireless Settings** and **Wireless Clients List**. Click any of them, you will be able to configure the corresponding function.

▼ Wireless Settings

Wireless Basic Settings

Wireless Security Settings

Wireless MAC Address Filter

Advanced Wireless Settings

Wireless Clients List

Wireless Basic Settings**Wireless Basic Settings****Wireless Network**Wireless network name(SSID) SSID Broadcast ☒ Enabled ☐ Disabled

BSSID C0:5E:79:FB:87:FE

Channel Bandwidth ☐ 20MHz ☒ 20/40MHz**Repeater Parameters**Access wireless network name(SSID) ☒ Synchronism SSIDSecurity Mode Encryption Type

Wireless network name (SSID): The wireless network name of iShare, you can change it to whatever you want.

SSID Broadcast: If you choose Enabled, iShare will broadcast its name (SSID).

BSSID: Basic service set identification, the wireless MAC address of iShare.

Channel Bandwidth: The bandwidth of the wireless channel, you can select 20MHz or 20/40MHz.

Access wireless network name (SSID): Enter a value of up to 32 characters. This is the wireless network name of your main router or AP.

Click on **Search** button, it will show the site list of scanning result, please find your main AP's SSID, and then click **Connect**.

Synchronism SSID: If you choose it, the WiFi name and WiFi password of iReceiver will be same as your root wireless router or AP after configuration. If you don't choose it, the WiFi name and WiFi password of iReceiver won't change.

Security Mode/Encryption Type: Choose the security mode and encryption type according to the wireless network you'd like to connect, and enter the password. Click **Save** to apply the settings.

Wireless MAC Address Filter

Wireless MAC Address Filter

Access Policy

Policy: Disable

Add MAC: 0 - 0 - 0 - 0 - 0 - 0 Search MAC Address

The maximum rule number is 10.

Save Cancel

MAC Address List

NO.	MAC Address	Access Policy	Edit	Delete
-----	-------------	---------------	------	--------

Delete

You can allow/deny the computers connecting to the device wirelessly by entering the MAC address with this feature.

If you only want MAC address (F4:B7:E2:22:19:DC) to access the Wireless Network while others cannot:

Step 1: chooses Allow in the Policy.

Step 2: Fill in MAC address F4:B7:E2:22:19:DC, click Save button.

Access Policy

Policy: Allow

Add MAC: F4 - B7 - E2 - 22 - 19 - DC Search MAC Address

The maximum rule number is 10.

Save Cancel

If you want MAC address (0A:3F:26:54:EA:3F) cannot access the Wireless Network while others can:

Step 1: chooses Reject in the Policy.

Step 2: Fill in MAC address 0A:3F:26:54:EA:3F, Click **Save** button.

Access Policy	
Policy	Reject <input type="button" value="v"/>
Add MAC	<input type="text" value="0A"/> - <input type="text" value="3F"/> - <input type="text" value="26"/> - <input type="text" value="54"/> - <input type="text" value="EA"/> - <input type="text" value="3F"/> <input type="button" value="Search MAC Address"/>
The maximum rule number is 10.	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Advanced Wireless Settings

Advanced Wireless Settings	
Advanced Wireless parameters	
BG Protection Mode	Auto <input type="button" value="v"/>
Beacon Interval	<input type="text" value="100"/> ms (Range 20 - 999, Default 100)
DTIM (Delivery Traffic Indication Message)	<input type="text" value="1"/> ms (Range 1 - 255, Default 1)
Fragment Threshold	<input type="text" value="2346"/> (Range 256 - 2346, Default 2346)
RTS Threshold	<input type="text" value="2347"/> (Range 1 - 2347, Default 2347)
TX Power	<input type="text" value="100"/> (Range 1 - 100, Default 100)
Short Preamble	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
Pkt_Aggregate	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
WMM Bandwidth Management	
WMM Capable	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
APSD Capability	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
WMM Parameters	<input type="button" value="WMM Configuration"/>
Multicast-to-Unicast Converter	
Multicast-to-Unicast	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

This section is to configure the advanced wireless setting of the device, if you are not familiar with the setting items in this page, it's strongly recommended to keep the provided default values, otherwise it may result in lower wireless network performance.

Beacon Interval: The interval for sending packets of the Beacon frame. Its value range is 20-1000 in unit of ms. The default is 100.

DTIM Interval: It indicates the interval of the delivery traffic indication message (DTIM). The value range is between 1 and 255 milliseconds. The default value is 1.

Fragment Threshold: Set the fragmentation threshold. Packets larger than the size set in this field will be fragmented. Too many data packets will lower the Wireless Network performance. The Fragment Threshold value should not be set too low. The default value is 2346.

RTS Threshold: Set the RTS (Request to send threshold.) threshold. When the packet size is larger than the preset RTS size, the wireless router will send a RTS to the destination station to start a negotiation. The default value is 2347.

Enable WMM: If you select it, the device will process the packets with the priority first. You are recommended to select this option.

APSD Capable: It is used for auto power-saved service. It is Disabled by default.

Click **WMM Configuration** button, you can see this page:

AP WMM						
	Aifsn	CWMin	CWMax	Txop	ACM	AckPolicy
AC_BE	3	15 ▼	63 ▼	0	<input type="checkbox"/>	<input type="checkbox"/>
AC_BK	7	15 ▼	1023 ▼	0	<input type="checkbox"/>	<input type="checkbox"/>
AC_VI	1	7 ▼	15 ▼	94	<input type="checkbox"/>	<input type="checkbox"/>
AC_VO	1	3 ▼	7 ▼	47	<input type="checkbox"/>	<input type="checkbox"/>

WMM					
	Aifsn	CWMin	CWMax	Txop	ACM
AC_BE	3	15 ▼	1023 ▼	0	<input type="checkbox"/>
AC_BK	7	15 ▼	1023 ▼	0	<input type="checkbox"/>
AC_VI	2	7 ▼	15 ▼	94	<input type="checkbox"/>
AC_VO	2	3 ▼	7 ▼	47	<input type="checkbox"/>

Wireless Clients List

Wireless Clients List							
Wireless Devices							
MAC Address	Aid	PSM	MimoPS	MCS	BW	SGI	STBC
94:DB:C9:0A:64:86	1	1	3	7	20M	0	0
<input type="button" value="Refresh"/>							

Click **Refresh** button to check the wireless clients.

System Tools

There are three submenus under the **System Tools: Backup and Restore, Password and Firmware Upgrade**. Click any of them, and you will be able to configure the corresponding function.



Backup and Restore

Backup and Restore	
Export Settings	
Export Button	<input type="button" value="Back up"/>
Warning! To upgrade the incorrect configuration file will lose your settings.	
Import Settings	
Set File Locations	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Save"/>	<input type="button" value="Cancel"/>

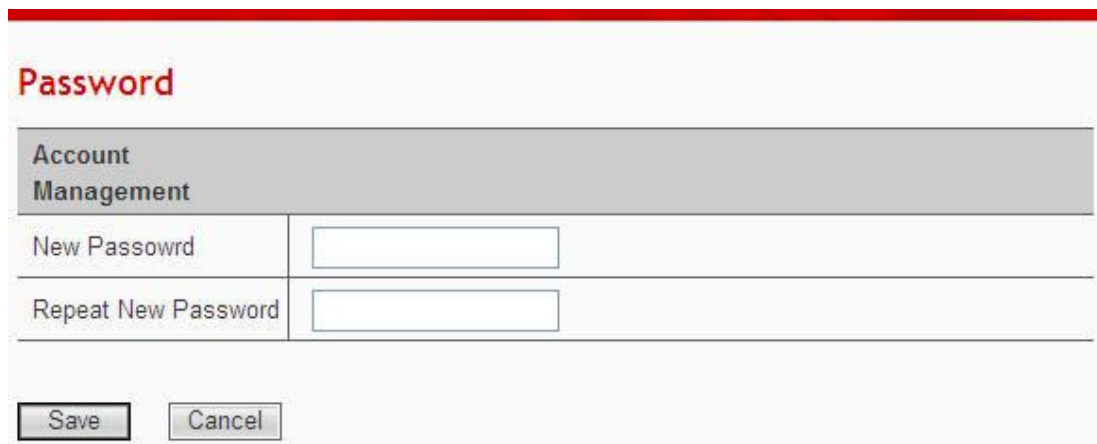
In the Export Settings column, click **Back up** button to save all configuration settings to your local computer as a file.

To restore the device's configuration, follow these instructions:

- 1) Click **Browse** button to find the configuration file which you want to restore.
- 2) Click **Save** button to update the configuration with the file whose path is the one you have input or selected in the blank.

Note: Keep the power on during the process, in case of any damage.

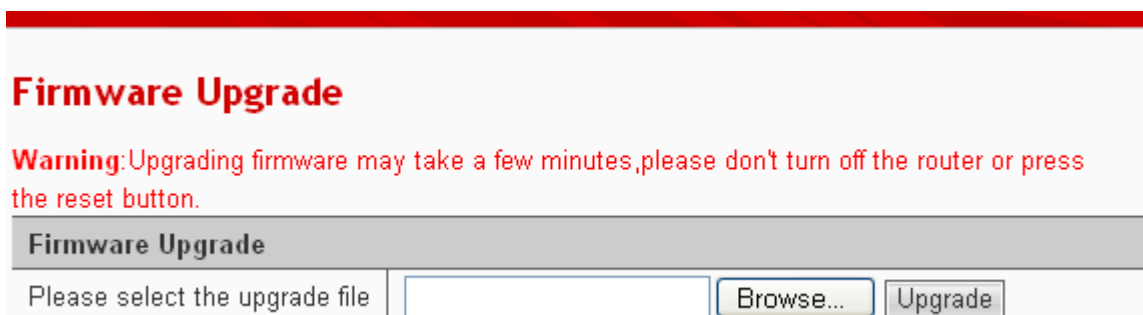
Password



The screenshot shows a web interface titled "Password" in red. Below the title is a grey header bar labeled "Account Management". Underneath, there are two input fields: "New Password" and "Repeat New Password". At the bottom of the form are two buttons: "Save" and "Cancel".

You can change the login password for this web management page, not your ISP password or the wireless password.

Firmware Upgrade



The screenshot shows a web interface titled "Firmware Upgrade" in red. Below the title is a red warning message: "Warning: Upgrading firmware may take a few minutes, please don't turn off the router or press the reset button." Below the warning is a grey header bar labeled "Firmware Upgrade". Underneath, there is a text label "Please select the upgrade file" followed by an input field, a "Browse..." button, and an "Upgrade" button.

You can upgrade the device to the latest version in this page, please download a most recent firmware upgrade file from our website. After downloading the file, you need to extract the zip file before upgrading the device. Browse for the upgrade file, then click **Upgrade** button.

Caution! Once you click **Upgrade** button, do not interrupt the process, loss of power during the upgrade could damage the device.

Note:

- Device might be changed to factory default settings after upgrade, please backup in advance.
- During the updating, please do not turn off the power.
- Please make sure the software version is matching with the existing hardware.

Chapter 4: Specification

Wireless	
Standards	IEEE 802.11b/g/n
Data Rate	11n: 150Mbps 11g: 54Mbps 11b: 11Mbps
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	<20dBm
Modulation Type	OFDM/CCK/16-QAM/64-QAM
Receive Sensitivity	150M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER
Operation Mode	Repeater
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)
System Requirements	Windows 7/Vista/XP/2000, Mac OS®, Linux or Android OS
Hardware	
Interfaces	1 x 3.5mm Audio Port 1 x Micro USB Port
Button	WPS Button Reset Button
Antenna	1 x 3dBi Build-in omni-directional Antenna
Power Supply	5V,500mA
Dimensions(W x D x H)	82mm x 52mm x 19mm
Others	
Operating Temperature	0°C~40°C (32°F~104°F)

Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10% ~ 90%, Non-condensing
Storage Humidity	5%~95%, Non-condensing
Certifications	CE, RoHS
Package Contents	1 x WiFi Music Receiver 1 x Quick Installation Guide 1 x Micro USB Cable

* All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

Appendix A: Troubleshooting

1. How do I restore the WiFi Music Receiver to factory default settings?

When the WiFi Music Receiver is powered on, press and hold the reset button on the bottom panel until the light turns red. And then release the reset button.

2. What can I do if I forget my password?

- Restore the WiFi Music Receiver to factory default settings. If you do not know how to do it, please refer to previous section 1.
- Use the default password: admin.
- Reconfigure the WiFi Music Receiver since you have ever reset it.

3. The wireless stations cannot connect to the WiFi Music Receiver.

- Make sure the **SSID Broadcast** is enabled.
- Make sure that the wireless stations' SSID accord with the device's SSID.
- Make sure the wireless stations have the right password for encryption when the device is encrypted.
- If the wireless connection is ready, but you can't access the device, check the IP Address of your wireless stations.

4. I cannot login the WiFi Music Receiver's web management page.

- Check the computer's IP address, make sure the IP address is correct, for details please refer to the section of Configure the Computer's IP Address in this manual.
- Make sure you put 192.168.8.8 into the address bar, not the search bar.
- Check your web browser, make sure the Proxy server is unchecked. Take Internet Explorer as an example, go to **Tools>Internet Options>Connections>LAN Settings**, uncheck **Use a proxy server for your LAN**.
- If it tells you the password is error, and you cannot remember the new one, please reset device by pressing reset button for at least 6 seconds, and then try to login with default password (admin).

Appendix B: Certification

CE Mark Warning



Marking with the above symbol indicates compliance with the Essential Requirements of the R&TTE Directive of the European Union (1999/5/EC).

This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

National Restrictions

This device is intended for home and office use in all EU countries (and other countries following the EU Directive 1999/5/EC) without any limitation except for the countries mentioned below:

Country	Restriction	Reason/remark
Bulgaria	None	General authorization required for outdoor use and public service
France	Outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz	Military Radiolocation use. Refarming of the 2.4 GHz band has been ongoing in recent years to allow current relaxed regulation. Full implementation planned 2012
Italy	None	If used outside of own premises, general authorization is required
Luxembourg	None	General authorization required for network and service supply(not for spectrum)
Norway	Implemented	This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund
Russian Federation	None	Only for indoor applications

Note: Please don't use the product outdoors in France.

Appendix C: Glossary

802.11b: The 802.11b standard specifies a wireless networking at 11 Mbps using direct-sequence spread-spectrum (DSSS) technology and operating in the unlicensed radio spectrum at 2.4GHz, and WEP encryption for security. 802.11b networks are also referred to as Wi-Fi networks.

802.11g: Specification for wireless networking at 54 Mbps using direct-sequence spread-spectrum (DSSS) technology, using OFDM modulation and operating in the unlicensed radio spectrum at 2.4GHz, and backward compatibility with IEEE 802.11b devices, and WEP encryption for security.

802.11n: 802.11n builds upon previous 802.11 standards by adding MIMO (multiple-input multiple-output). MIMO uses multiple transmitter and receiver antennas to allow for increased data throughput via spatial multiplexing and increased range by exploiting the spatial diversity, perhaps through coding schemes like Alamouti coding. The Enhanced Wireless Consortium (EWC) was formed to help accelerate the IEEE 802.11n development process and promote a technology specification for interoperability of next-generation wireless local area networking (WLAN) products.

DHCP (Dynamic Host Configuration Protocol): A protocol that automatically configure the TCP/IP parameters for the all the PC(s) that are connected to a DHCP server.

DMZ (Demilitarized Zone): A Demilitarized Zone allows one local host to be exposed to the Internet for a special-purpose service such as Internet gaming or videoconferencing.

DNS (Domain Name System): An Internet Service that translates the names of websites into IP addresses.

Domain Name: A descriptive name for an address or group of addresses on the Internet.

DSL (Digital Subscriber Line): A technology allowing data to be sent or received over existing traditional phone lines.

ISP (Internet Service Provider): A company that can provide access to the Internet.

MTU (Maximum Transmission Unit): The size in bytes of the largest packet that can be transmitted.

NAT (Network Address Translation): NAT technology translates IP addresses of a local area network to a different IP address for the Internet.

PPPoE (Point to Point Protocol over Ethernet): PPPoE is a protocol for connecting remote hosts to the Internet over an always-on connection by simulating a dial-up connection.

SSID (Service Set Identification): It is a thirty-two character (maximum) alphanumeric key

identifying a wireless local area network. For the wireless devices in a network to communicate with each other, all devices must be configured with the same SSID. This is typically the configuration parameter for a wireless PC card. It corresponds to the ESSID in the wireless Access Point and to the wireless network name.

WEP (Wired Equivalent Privacy): A data privacy mechanism based on a 64-bit or 128-bit or 152-bit shared key algorithm, as described in the IEEE 802.11 standard.

Wi-Fi: A trade name for the 802.11b wireless networking standard, given by the Wireless Ethernet Compatibility Alliance (WECA, see <http://www.wi-fi.net>), an industry standards group promoting interoperability among 802.11b devices.

WLAN (Wireless Local Area Network): A group of computers and associated devices communicate with each other wirelessly, which network serving users are limited in a local area.



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